



# Alpha Hand and Clothing Monitor

**Model: HSM-10AS**

Models **HSM-10AS**, Hand and Clothing Monitors are health physics instruments.

Designed to provide completely automatic detection and measurement of Alpha contamination on the palm and back of each hand and clothing.

Extremely simple operation allows the individual worker to perform this check without direct supervision of the health physicist.

## Features

- (4) Scintillation ZnS(Ag) detectors
- Detects Alpha
- Over Range Indicator
- Full Dynamic Background Subtract
- Color Monitor Read-Out
- Alarm Settings Near Background
- Positive Warning if Incomplete Check
- External Clothing Scintillation ZnS(Ag) Probe with Separate Circuit, Meter, and Speaker
- **Optional:** Table Top or Cart Mount
- Modular Electronics
- Built-In Computer
- Data Archive and Retrieval
- USB / Ethernet Ports
- **IP41**

## Description

The **HSM-10 Series** monitors feature large full color LCD display screen that enable the user to tell - in one look - whether he is contaminated, and where.

Numerical read-outs are provided along the bottom of the monitor panel, showing the total count on each hand.

An outstanding feature of the instrument is the low warning levels, permitting alarm settings as low as the background count.

A separate rate meter circuit is provided for the EXTERNAL CLOTHING PROBE, including a speaker for audible check and a meter for visual check.

All the detecting elements and sections exposed to contamination are designed for easy decontamination.



## TECHNICAL ASSOCIATES OVERHOFF TECHNOLOGY

7051 ETON AVENUE, CANOGA PARK, CALIFORNIA 91303

PHONE: 818-883-7043 | FAX: 818-883-6103

SALES@USNUCLEARCORP.COM | TECH-ASSOCIATES.COM | USNUCLEARCORP.COM

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